FEDERICO GARLAND SCHIEFER

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Data Analyst | Business Intelligence Analyst | Data Scientist

PROFESSIONAL SUMMARY

Award winning data analyst with 1.5 years of experience turning data into action through dashboard development, reporting, information querying, predictive modeling and data processing (ETL) automation. Expertise handling commercial, financial and operational data at an international level, with proven work experience, certifications and a diverse personal project portfolio. Proficient in several programming languages and tools for data analysis, and skilled in the use of data science models for business improvement through forecasting, client prospecting, price optimization and customer segmentation. Comfortable working with cross-functional international teams, with impactful communication skills and fluency in English, Spanish and German.

AREAS OF EXPERTISE

- SQL
- Power Query / M
- Power BI
- DAX
- R Studio
- Excel
- VBA and Macros

- Dashboard development
- ETL automation
- Data modelling
- Database querying
- Predictive statistics
- Reporting
- Forecasting

- Client prospecting
- Price optimization
- Customer segmentation
- A / B testing
- Market Analysis
- Machine Learning
- Communication

PROFESSIONAL EXPERIENCE

Business Intelligence Analyst Perú-Colombia, Mérieux NutriSciences| August 2023 – Present

- Developed 7+ upper management dashboards in Power BI for sales, operations, finance, customer service and market analysis, serving both Peru and Colombia branch offices.
- Automated the ETL processes and report updates using SQL and M, increasing data delivery frequency by 200%.
- Created dashboards and automated report deliveries for the main Key Account clients, enabling them to visualize and analyze laboratory results.
- Monitored sales team KPIs and provided actionable recommendations, leading to a 6% improvement in sales performance.
- Forecasted sales using statistical models in R, improving sales predictions by 4%.
- Automated Excel daily reports with VBA and macros, freeing up 8% of daily work time, boosting productivity.
- Developed models for client prospecting using neural networks and linear regression in R, identifying and prioritizing more than 50 potentil clients.
- Answered business queries and delivered both at request and periodical reports.
- Developed price optimization models in R.
- Constant collaboration with international team members across multiple business departments.

Commercial Assistant, Mérieux NutriSciences| February 2023 – July 2023

- Performed the same functions as the current role of Business Intelligence Analyst.

EDUCATION

Agroforestry Engineering, Scientific University of the South | 2017 – 2022

- Graduated with academic performance within the top 10%.
- Took courses on statistics, economics, management, science and agricultural production.

PORTFOLIO PROJECTS

1. Forecasting vegetable market prices | Jul 2024

Used time series analysis to forecast vegetable market prices in R, considering the influence of weather variables and determining the most important products and variables through Principal Component Analysis (PCA).

2. Price optimization in retail products | Sep 2023

Developed elasticity of demand models in R to determine optimal prices that maximize both revenue and profit.

3. Dashboard for US superstore sales | Jun 2023

Developed Power BI dashboard to visualize and analyze superstore sales.

4. Analysis and yield prediction of global agriculture | Jan 2023

Used SQL to obtain relevant insights of world agriculture and created linear regression models in R to predict country-level yields.

5. Soil mapping with geostatistics and machine learning | Dec 2022

Generated soil maps and management zones using geostatistics, PCA and clustering algorithms.

CERTIFICATIONS

Certifications in R, SQL, Power BI, Excel, Forecasting in R, ARIMA Models in R, Geostatistics, among others, on platforms including DataCamp and HackerRank.

AWARDS AND ACHIEVEMENTS

- Award for exceptional performance in Business Intelligence (Data Analytics) by the international corporate office for contributions to the Peru branch office.
- Recognized for best final project in an international geostatistics course (>700 students).
- Ranked in the top 10% of the Agroforestry Engineering program.

LANGUAGES

English (C1, Cambridge FCE), German (C1, Sprachdiplom II), Spanish (native), Quechua (B1)